

United States Patent [19]

Gilbert et al.

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[54] PROTEIN SYNTHESIS

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- [58] Field of Search 195/1, 28 N; 435/70, 435/71, 172, 68

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[57] ABSTRACT

A plasmid or phage gene for a periplasmic or extracellular bacterial protein is cleaved, a double-stranded DNA sequence coding for a selected protein or portion thereof from a eukaryotic cell such as insulin is inserted in that cleaved gene by recombinant DNA techniques and used to transform a bacterium, and the excreted selected protein is collected.

5 Claims, 3 Drawing Figures

